

Revolutionary Alarm Clock
and Room Audio System



User Manual

TM
LUNA



“TIME IS THE MOST VALUABLE THING A MAN CAN SPEND.”

THEOPHRASTUS

Welcome to Luna.

Thank you for purchasing Luna, a revolutionary alarm clock + room audio system made for your iPod. Luna lets you create the perfect sleeping and waking environments and enjoy outstanding audio throughout the day. With Luna’s user-friendly controls you can simply set the clock and alarm time, or customize everything from the display brightness to the snooze timer. Luna’s innovative menu system looks and functions much like your iPod, and is just as easy to navigate. Keep it simple or customize it all – this manual will show you how to do just that.

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IMPORTANT:

Please read all safety instructions before proceeding. The answers to most set up and performance questions can be found in this manual or in the Troubleshooting Guide. If you have any further questions about the operation or use of this product please contact our customer service team for assistance before returning it to the place of purchase.

Customer Service:
Email: support@xtrememac.com
Telephone number: 1-866-392-9800 Toll free within the United States
Hours of operation: Monday through Friday, 9am – 6pm EST

Product Safety

When used in the directed manner, this unit has been designed and manufactured to ensure your personal safety. However, improper use can result in potential electrical shock or fire hazards. Please read all safety and operating instructions carefully before installation and use, and keep these instructions handy for future reference. Take special note of all warnings listed in these instructions.



The lightning flash with arrowhead, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



Caution: To prevent the risk of electric shock, do not remove cover (or back). No user-serviceable parts inside. Refer servicing to qualified service personnel.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.


CAUTION: To prevent electric shock do not use this (polarized) plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

IMPORTANT SAFETY INSTRUCTIONS


1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water — This apparatus shall not be exposed to dripping or splashing, and no objects filled with liquids, such as vases, shall be placed on the apparatus.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions. The apparatus should not be situated on a bed, sofa, rug or similar surface that may block the ventilation openings. The apparatus must not be placed in a built-in installation, such as a closed bookcase or cabinet that may impede the flow of air through the ventilation openings. Ventilation should not be impeded by covering the openings with items such as newspapers, tablecloths, curtains, etc.

8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. No naked flame sources, such as lighted candles, should be placed on the apparatus.
10. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for the replacement of the obsolete outlet.
11. Protect the power cord from being walked on or pinched —particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
12. Do not install in an area which impedes the access to the power plug. Disconnecting the power plug is the only way to completely remove power to the product and must be readily accessible at all times.
13. Power source —Use only power supplies of the type specified in the operating instructions or as marked on the appliance. If a separate power supply is included with this apparatus, do not substitute with any other power supply —use only manufacturer-provided power supplies.
14. Unplug this apparatus during lightning storms or when unused for long periods of time.
15. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped. For service, refer to qualified service personnel, return to the dealer, or call the XtremeMac service line for assistance.
16. For products which incorporate batteries, please refer to local regulations for proper battery disposal.
17. Only use attachments/accessories specified by the manufacturer.

 Federal Communication Commission: Verified to comply with FCC Rules for Radiated and Conducted Emission, Part 15, Subpart B, for Class B Equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: This device may not cause harmful interference. This device must accept any interference received, including interference that may cause undesired operation. Note that FCC regulations provide that changes or modifications not expressly approved by XtremeMac could void your authority to operate this equipment.

 CE Compliance for Europe: Verified to comply with EN55013, for RF Emissions and EN55020 for Immunity as applicable.

 C-Tick Compliance for Australia: Verified to comply with AS/NZ1053 for RF Emissions as required by the Australian Communications Authority.

Warranty Information

What Does The Warranty Cover? XtremeMac warrants that its products shall be free from defects in materials or workmanship, with the exceptions stated below.

What Is The Period Of Coverage? This warranty runs for 90 days from the date of purchase.

What Does The Warranty Not Cover? This warranty does not cover any defect, malfunction or failure that occurs as a result of: misuse or failure to follow the product directions; abuse; or use with improper, unintended or faulty equipment. Also, consequential and incidental damages are not recoverable under this warranty. Further, opening up the unit or removing any pieces from the product will immediately render your warranty null and void.

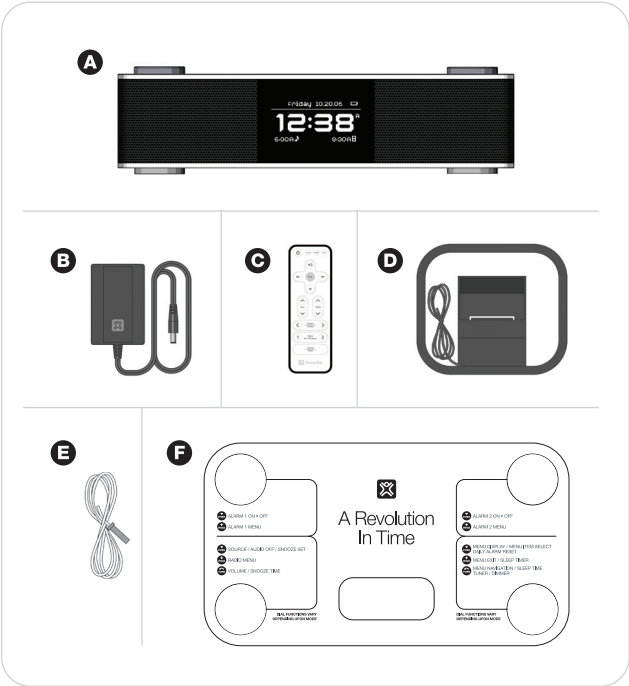
What Will XtremeMac Do To Correct The Problem? XtremeMac will, at its option, repair or replace any product that proves to be defective in material or workmanship. If your product is no longer being manufactured, or is out of stock, at its option, XtremeMac may replace your product with a similar or better XtremeMac product.

How To Get Warranty Service? To get a covered product repaired or replaced, you must contact XtremeMac during the warranty period by either calling (866) 392-9800 if you are in the U.S., or by e-mail (support@xtrememac.com). If you email XtremeMac, you must include your name, address, email address, telephone number, date of purchase and a complete description of the problem you are experiencing. If the problem appears to be related to a defect in material or workmanship, XtremeMac will provide you a return authorization and instructions for return shipment. Return shipments shall be at the customer's expense, and the return must be accompanied by the original proof of purchase and in the original packaging. You should insure the shipment as appropriate because you are responsible for the product until it arrives at XtremeMac.

The above limited warranties and remedies do not extend to the iPod used with the product.

Copyright © 2006 Xtreme Accessories, LLC. XtremeMac, Luna and the "X" logo are trademarks of Xtreme Accessories, LLC. Designed in the USA. Made in China. For customer service and warranty information visit our website at www.XtremeMac.com, or call toll-free in the USA: 1-866-392-9800. iPod is a trademark of Apple Computer, Inc., registered in the U.S. and other countries. Patent pending.

What's included



A. Luna Main Unit, B. AC Adapter (Power Supply), C. Remote control
D. AM Loop Antenna, E. FM Antenna, F. Quick Start Guide

Unpacking

- 1. Remove foam from box with the manual/compliance card compartment facing upward.
- 2. Remove the foam lid.
- 3. Remove Luna from the foam and then remove the unit from the foam bag protecting it.
- 4. Place Luna on a level surface following the precautions listed in the safety warnings.
- 5. Remove AC Adapter, Remote, Batteries and AM/FM Antennas from foam and plastic bags.
- 6. Read and review manual and safety guide.
- 7. Retain the original packaging for the warranty period of 90 days.

Intial Setup

Install batteries for time and date backup:

Luna uses a backup battery system to retain the date/clock setting in the event of a power failure. Luna also features a built-in power back up that will save the time in the event of a short power failure for up to five minutes – even without the backup batteries installed.

If the batteries have been installed properly and a power failure occurs or the AC cord is accidentally disconnected for more than five minutes, the current time and alarm settings will be maintained.

- 1. Open battery compartment cover located on the bottom of the unit.
- 2. Insert two AA batteries, checking that the polarity (+ and – ends of the batteries) matches the image on the inside of the battery compartment.
- 3. Close the compartment cover.

Note: A battery symbol will flash in the upper right hand side of the main screen when the backup batteries need to be replaced.

Battery Information:

- Do not mix old and new batteries
- Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries

Connect AM Loop Antenna

Fold the built-in foot to stand the antenna loop upright, being careful not to pinch the cord. Next, extend the antenna so that the cord is laid out flat. Take the braided portion of the cord and insert one of the exposed ends into each of the two jacks on the back of Luna labeled “AM”. To do this, you must lift up the lever and insert one wire into each jack. For best reception, move the AM antenna away from the unit.

Connect FM Antenna

Place the gray end of the antenna into the jack on the back of Luna labeled FM. Next, extend the antenna so that it is laid out flat and not tangled. For best reception, the FM antenna should be positioned vertically above Luna. The positioning of the antenna should be done while the unit is on and in FM mode.

Connect the AC Adapter

Connect the AC adapter into the jack on the back of Luna labeled “Power”, then plug the AC adapter into the wall outlet.

Universal Dock Well

Your iPod comes with a dock well insert from Apple. This insert will work with Luna and all other products with a Universal dock well. Additionally, your XtremeMac case may come with an insert that will allow you to dock your iPod in Luna with the case still on.*

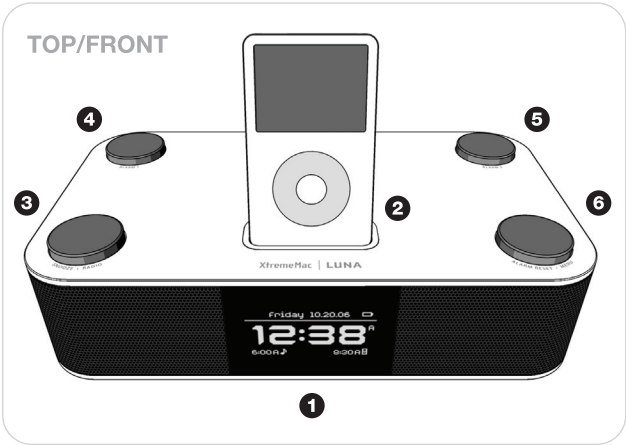
Docking your iPod:

- 1. Remove the plastic cover protecting the iPod connector on Luna. You may retain this cover to protect the connector when not in use, but it is not necessary.
- 2. Select the proper insert* for your iPod – use the one that came with your iPod or the one that came your XtremeMac case.*
- 3. Gently press the insert into the dock .
- 4. Carefully place your iPod into the dock.
- 5. To remove/replace an insert, first remove your iPod, then grip the insert in the back and gently pull upwards.

*Only select cases from XtremeMac have a dock insert included.

Controls and Connections

Please review these controls and connections as they are referred to throughout the manual. Note that the items are labeled with the user facing the unit.






1. Multifunction Display

Variable brightness display with time, day/date, audio source, and alarm times shown on main screen. In menu mode, it shows all the customizable options.



2. Universal Dock Well

Accommodates iPod models with dock connector. Before docking your iPod, remove the plastic cover protecting the dock connector and insert the appropriate dock well insert for your iPod.



3. Left Control Knob

-  **PUSH** To toggle through source options, turn audio off, and activate snooze while the alarm is sounding.
-  **HOLD** To access Radio menu
-  **TURN** To control volume when an audio source is playing or increase/decrease snooze time when in snooze mode.



4. Alarm 1 Button


-  **PUSH** To activate/deactivate Alarm1
-  **HOLD** To enter Alarm 1 menu

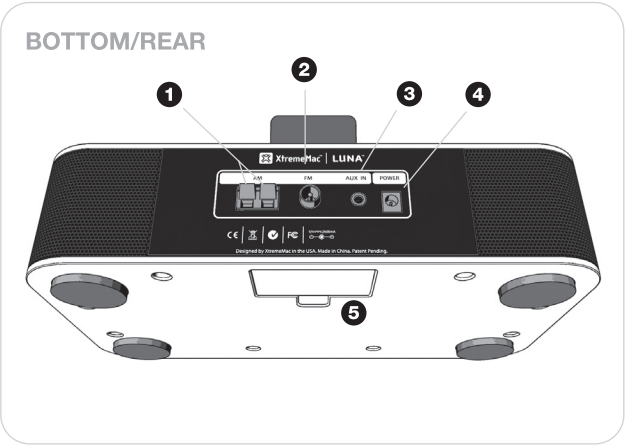
5. Alarm 2 Button

-  **PUSH** To activate/deactivate Alarm 2
-  **HOLD** To enter Alarm 2 menu

6. Right Control Knob

-  **PUSH** To enter the main menu, select a menu item or reset the daily alarm when the alarm is sounding
-  **HOLD** To exit the main menu or to activate the sleep timer when an audio source is playing.

-  **TURN** To navigate through the menu, increase/decrease the sleep time when in sleep mode or increase/decrease the brightness of the display when not in menu or sleep mode



1. AM Loop Antenna Jacks

Connect the included AM loop antenna into these jacks by placing one wire into each jack for AM reception

2. FM Antenna Jack

Connect the included FM antenna into this jack for FM reception

3. AUX/LINE IN Jack

To listen to iPod models without a dock connector or an alternative audio device, connect an auxiliary 3.5mm stereo audio cable to this jack and the other end to the device.

4. Power Jack

Connect the AC adapter into this jack and then plug the AC adapter into the wall outlet.

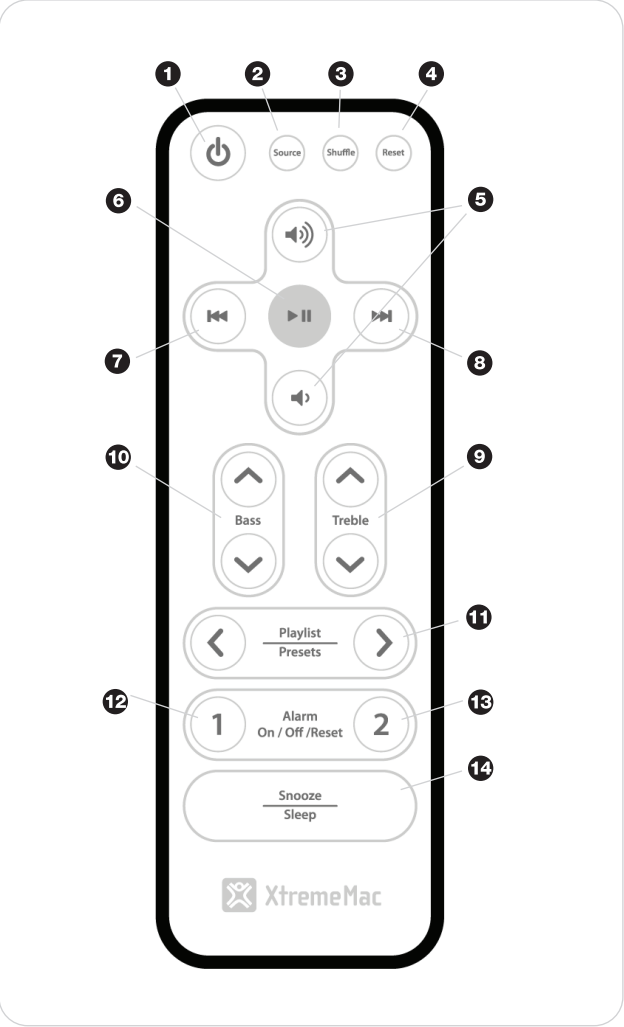
5. Battery Compartment

Holds two AA batteries for time and date backup in case of a power failure.

Using the Remote Control

Before using the included remote, make sure to pull out the “Remove” tab protecting the battery.

Many of Luna’s functions can be controlled from across the room with the included remote. When using the remote, the display adjusts to show the commands at full screen size so that they can be seen easily from across the room.



- 1. Power On/Off Button**
Turns the audio source On/Off.
- 2. Source Button**
Changes audio source – select from “iPod”, “FM radio”, “AM radio” or “Aux”.

- 3. Shuffle Button**
Toggles through shuffle off, shuffle songs and shuffle albums in your iPod settings.
- 4. Reset Button**
Resets the bass and treble back to default settings.
- 5. Volume up/Volume down Buttons**
Increases/decreases the volume while an audio source is playing.
Sleep/Snooze mode: Increases/decreases the sleep or snooze time while the mode is displayed on the screen.
- 6. Play/Pause Button**
Plays and pauses the iPod.
- 7. Previous Button**
iPod mode: Press to go to previous track or hold to fast rewind through current track.
Radio mode: Press to tune the frequency down
- 8. Next Button**
iPod mode: Press to skip to next track or hold to fast forward through current track.
Radio mode: Press to tune the frequency up
- 9. Treble up and down Buttons**
Increase/decrease treble
- 10. Bass up and down Buttons**
Increase/decrease bass
- 11. Playlist/Presets (Previous and Next) Buttons**
iPod mode: Skip to previous/next playlist
Radio mode: Selects presets
- 12. Alarm 1 On/Off/Reset Button**
Activates/Deactivates Alarm 1 and resets Alarm 1 for the next day when pressed while alarm is sounding.
- 13. Alarm 2 On/Off/Reset Button**
Activates/Deactivates Alarm 2 and resets Alarm 2 for the next day when pressed while alarm is sounding.
- 14. Snooze/Sleep Button**
Sleep mode: Activates sleep when pressed when and audio source is playing
Snooze mode: Activates snooze when pressed while alarm is sounding

Basic Setup

Luna is controlled using the two control knobs at the front of the unit and the two buttons at the rear of the unit. Luna's innovative menu system looks and functions much like your iPod, so it is easy to navigate. Please review the CONTROLS AND CONNECTIONS section to learn about the controls. This section will guide you through the basic setup using the menu system. The instructions for each section are written to guide you through Luna's features and settings starting from the main screen where the time and date are displayed. To get started, we recommend you access each menu item from this main screen.

To return to the main screen from any menu, turn the Right Control Knob until the "Exit" menu item is highlighted and push to select. Alternatively, you can push and hold the Right Control Knob to exit the menu, or allow the menu to timeout after 30 seconds of inactivity. Note that when making changes to settings, Luna will not save the changes unless you have accepted the changes by pressing the Right Control Knob.

Setting the Time:

1. Push the Right Control Knob to access the main menu. The menu will appear on Luna's display.
2. Turn the Right Control Knob until the "Settings" menu item is highlighted and push to select.
3. Push the Right Control Knob again to select the "Time" menu item. The hour will blink to indicate that it can be adjusted. Turn the Right Control Knob to change the hour, AM or PM (indicated by an "A" or "P" next to the time) and push to accept the correct hour and advance to adjust the minutes.
4. The minute section will then blink to indicate that it can be adjusted. Turn the Right Control Knob to change the minutes and push to accept and save your changes.

Setting the Date:

1. Push the Right Control Knob to access the main menu. The menu will appear on Luna's display.
2. Turn the Right Control Knob until the "Settings" menu item is highlighted and push to select.
3. Turn the Right Control Knob until the "Date" menu item is highlighted and push to select.
4. Push the Right Control Knob again to select the year. The year will blink to indicate that it can be adjusted. Turn the Right Control Knob to change the year and push to accept and save your changes.
5. Turn the Right Control Knob again until the "Month" menu item is highlighted and push to select. The month will then blink to indicate that it can be adjusted. Turn the Right Control Knob to change the month and push to accept and save your changes.
6. Turn the Right Control Knob again until the "Day" menu item is highlighted and push to select. The day will then blink to indicate that it can be adjusted. Turn the Right Control Knob to change the day and push to accept and save your changes.

Note: The day of the week will be displayed automatically.

Setting the Display Options:

1. Push the Right Control Knob to access the main menu. The menu will appear on Luna's display.
2. Turn the Right Control Knob until the "Settings" menu item is highlighted and push to select.
3. Turn the Right Control Knob until the "Display Options" menu item is highlighted and push to select.

4. Turn the Right Control Knob to highlight either "Contrast" or "Dimmer" and push to select. The level will blink to indicate that it can be adjusted.
5. Turn the Right Control Knob to increase/decrease the level for contrast (from 0 to 60) and for the dimmer (from 0 to 20) push to accept and save your changes. If you set the dimmer to a level lower than 5, touching any control will automatically bring the dimmer up to a level 5 for a few moments so that you can make adjustments to your settings.

Note: You may also invert the display colors through the "Display Options" menu.

SHORTCUT

You may turn the Right Control Knob to increase/decrease the brightness of the display at any time, except when in menu or sleep mode.

Setting the Date and Time Format:

Luna's default date format is Month, Day, Year (MM.DD.YY) and default time format is a 12-hour clock. To select Day, month, year (DD.MM.YY) and/or to select a 24-hour clock format, follow these instructions:

1. Push the Right Control Knob to access the main menu. The menu will appear on Luna's display.
2. Turn the Right Control Knob until the "Settings" menu item is highlighted and push to select.
3. Turn the Right Control Knob until the "Format" menu item is highlighted and push to select.
4. Turn the Right Control Knob to highlight either "Time Format" or "Date Format" and push to select.
5. Turn the Right Control Knob to highlight your preferred format and push to select. This will automatically turn the selected format to "ON" the other format to "OFF".

Setting the Daylight Savings Time Option:

1. Push the Right Control Knob to access the main menu. The menu will appear on Luna's display.
2. Turn the Right Control Knob until the "Settings" menu item is highlighted and push to select.
3. Turn the Right Control Knob until the "DST" menu item is highlighted and push to toggle between "OFF" and "ON". Activate this feature when Day Light Savings Time is in effect. This will advance the time one hour.

Setting the Alarms

Luna's two alarms work independently from each other, allowing you to customize each one to your preference. You can set the time, wake to source, volume/volume ramping, dimmer brightness and even snooze time for each.

Setting Alarm Time:

1. Push the Right Control Knob to access the main menu. The menu will appear on Luna's display.
2. Turn the Right Control Knob to highlight either "Alarm 1" or "Alarm 2" and push to select.
3. Push the Right Control Knob again and the hour will blink to indicate it can be adjusted. Turn the Right Control Knob to change the hour, AM or PM (indicated by an "A" or a "P" next to the time) and push to accept the correct hour and advance to adjust the minutes.

- The minute section will then blink to indicate it can be adjusted. Turn the Right Control Knob to change the minutes and push to accept and save your changes.
- Once you set the alarm time(s), you need to make sure to activate the alarm(s). Push the Alarm 1 Button on the back left to activate Alarm 1 and/or push the Alarm 2 Button on the back right to activate Alarm 2. The display will show each alarm time and source icon when the alarm is activated.

SHORTCUT

You may also access Alarm 1 and Alarm 2 menus by holding down the corresponding Alarm Button.

Setting Alarm Source:

- Push the Right Control Knob to access the main menu. The menu will appear on Luna's display.
- Turn the Right Control Knob to highlight either "Alarm 1" or "Alarm 2" and push to select.
- Turn the Right Control Knob until the "Wake To" menu item is highlighted and push to select. Turn the Right Control Knob to choose between "iPod", "Radio", or "Sounds". Highlight your source choice and push to accept.

Waking to iPod

- If "iPod" is selected as alarm source, be sure to properly dock your iPod in the Universal dock well. If you do not dock your iPod, the alarm source will default to the buzzer to make sure that you do not miss your set alarm time.
- Set your iPod to shuffle or pick the song or playlist you would like to wake to.

Note: Ensure your playlist has an adequate amount of songs to play for the amount of time it will take you to wake.

Waking to radio

- If "Radio" is selected as alarm source, make sure the FM and AM antennas are connected per the instructions.
- Next, you may select a preset station or tune Luna to your preferred AM or FM station (see "Set Presets" on pages 16-17).
- To select a preset station, select radio as alarm source (see step 2 above). Push the Right Control Knob to select the "Presets" menu item and push to select. The band and station will blink. Turn the Right Control Knob to toggle through your preset stations. Push to select desired preset station.
- To manually tune the radio, turn the Right Control Knob until the "Tune" menu item is highlighted. Push to select. The AM/FM band will blink to indicate that it can be adjusted. Turn the Right Control Knob to the desired band and push to accept the band and advance to tune the frequency. The frequency will then blink to indicate it can be adjusted. Turn the Right Control Knob to tune the desired frequency and push to accept.

Note: For best FM reception, the antenna should be extended fully and vertically above Luna. For best AM reception, the AM loop antenna should be positioned away from Luna.

Waking to Sounds

- If "Sounds" is selected as alarm source, you may select from "Beeping", "Buzzing" or "Ringing." Turn the Right Control Knob to the desired sound and push to select. The selected item will turn from "OFF" to "ON" in the menu.

Setting Alarm Snooze Time:

- Push the Right Control Knob to access the main menu. The menu will appear on Luna's display.
- Turn the knob to highlight either "Alarm 1" or "Alarm 2" and push to select.
- Turn the Right Control Knob until the "Snooze" menu item is highlighted and push to select. The snooze time will blink to indicate that it can be adjusted. Turn the Right Control Knob to increase/decrease the snooze time (from 1 to 60 minutes) and push to accept and save your changes.

Setting Alarm Volume:

Setting Volume Level

Luna allows you select a specific volume for each alarm, independent of the last listening volume. This means you can go to sleep with the volume barely on and still wake to a volume that is considerably louder or vice versa.

- Push the Right Control Knob to access the main menu. The menu will appear on Luna's display.
- Turn the Right Control Knob to highlight either "Alarm 1" or "Alarm 2" and push to select.
- Turn the Right Control Knob until the "Volume" menu item is highlighted and push to select.
- To select the volume level, push the Right Control Knob again. The volume level will blink to indicate that it can be adjusted. Turn the Right Control Knob to the desired volume level (from 5 to 20) and push to accept and save your changes. The alarm volume cannot be set lower than level 5 to ensure minimum waking volume.

Setting Volume Ramping

Luna volume ramping feature gradually increases the alarm volume over a specified time period, from 0 to 60 seconds.

- Push the Right Control Knob to access the main menu. The menu will appear on Luna's display.
- Turn the Right Control Knob to highlight either "Alarm 1" or "Alarm 2" and push to select.
- Turn the Right Control Knob until the "Volume" menu item is highlighted and push to select.
- Turn the Right Control Knob until the "Ramp Time" item is highlighted and push to select. The ramp time will blink to indicate that it can be adjusted. Turn the Right Control Knob to increase/decrease the volume ramp time (from 0 to 60 seconds) and push to accept and save your changes.

Setting Dimmer:

The brightness of Luna's multifunction display can be specified for each alarm. This means that you can fall asleep with the display dimmed and wake to a brighter display.

- Push the Right Control Knob to access the main menu. The menu will appear on Luna's display.
- Turn the Right Control Knob to highlight either "Alarm 1" or "Alarm 2" and push to select.
- Turn the Right Control Knob until the "Dimmer" menu item is highlighted and push to select. The dimmer level will blink to indicate that it can be adjusted. Turn the knob to increase/decrease the dimmer level (from 0 to 20) and push to accept and save your changes.

To Preview Alarm Settings:

Luna features an alarm preview which allows you to hear and see all of your set alarm options – audio source, volume and volume ramping, and dimmer settings. This way you have no surprises in the morning!

1. Push the Right Control Knob to access the main menu. The menu will appear on Luna's display.
2. Turn the Right Control Knob to highlight either "Alarm 1" or "Alarm 2" and push to select.
3. Turn the Right Control Knob until the "Preview" menu item is highlighted and push to select. Luna will then let you preview all of your alarm settings, including source, volume/ramping and dimmer.
4. Preview will last for 30 seconds and then time out. To end preview, press the Right Control Knob.

Alarm Operation

1. Set the alarm time and options following the instructions in "SETTING THE ALARMS"
2. Push the Alarm 1 Button on the back left to activate/deactivate Alarm 1 and/or push the Alarm 2 Button on the back right to activate/deactivate Alarm 2. The display will show each alarm time and source icon when activated.
3. When the alarm is sounding, the alarm time and source icon will flash. You can snooze, reset the alarm for the next day, or turn the alarm completely off.
4. Push the Left Control Knob to snooze. Your alarm settings allow you to set the snooze time in advance, but the snooze time can be adjusted when in snooze mode by turning the Left Control Knob.
5. Push the Right Control Knob to silence the alarm and reset it to come on again the following day .
6. To stop the alarm from sounding on the following day, push the corresponding Alarm On/Off Button. This will turn the alarm OFF. The alarm time and source icon will not appear in the display.
7. If the alarm is not turned off after it sounds it will play for approximately one hour and then turn off automatically. The alarm will reset for the following day unless you turn the alarm off.

Listening to Audio

Many of the functions can be controlled by the included remote control. Please review the "REMOTE CONTROL" section on pages 10-11 to learn more about using the remote.

Listening to Your iPod:

1. Select the correct insert and dock your iPod (see "Universal Dock Well" on page 7).
2. Push the Left Control Knob to toggle through source options until "iPod" appears in the display.
3. Press play on your iPod.
4. Turn the Left Control Knob to increase/decrease the volume.

Note: If you have a iPod without a dock connector, please follow the instructions for "Listening to an Auxiliary Source" below.

Listening to the Radio:

1. Push the Left Control Knob to toggle through source options until "FM" or "AM" appears in the display. The frequency will blink to indicate that it can be adjusted.

2. Turn the Right Control Knob to tune to the desired frequency and push to select.
3. Turn the Left Control Knob to increase/decrease the volume.
4. To select a new station or a preset station, hold down the Left Control Knob to access the Radio menu. Turn the right control knob to scroll through the menu options – "Tune", "Select Presets" and "Set Presets."
5. When the desired menu item is highlighted, push the Right Control Knob to select and follow the instructions below:

Tune

- The AM/FM band indicator will blink to indicate that it can be adjusted. Turn the Right Control Knob to the desired band and push to select. The frequency will then blink to indicate it can be adjusted.
- Turn the Right Control Knob to tune the desired frequency and push to accept.

Set Presets

- Turn the Right Control Knob until the desired preset number is highlighted (presets 1 through 4) and push to select.
- The AM/FM band indicator will blink to indicate it can be adjusted. Turn the Right Control Knob to the desired band and push to select. The frequency will then blink to indicate that it can be adjusted.
- Turn the Right Control Knob to tune the desired frequency and push to accept.
- Repeat these steps to program remaining presets.

Select Presets

- Turn the Right Control Knob until the desired preset number is highlighted (presets 1 through 4) and push to select.

Note: You can also access all radio functions though the main menu under "Radio."

Listening to an Auxiliary Source:

1. Connect the device to "AUX/LINE IN" jack on the back of Luna with an auxiliary 3.5mm stereo audio cable (not included)
2. Push the Left Control Knob to toggle through source options until "AUX" appears in the display.
3. Press play on the device.
4. Turn the Left Control Knob to increase/decrease the volume.

Adjusting Bass and Treble:

1. Push the Right Control Knob to access the main menu. The menu will appear on Luna's display.
2. Turn the Right Control Knob until the "Settings" menu item is highlighted and push to select.
3. Turn the Right Control Knob until the "Audio" menu item is highlighted and push to select.
4. Turn the Right Control Knob to highlight either "Bass" or "Treble" and push to select. The level will blink to indicate that it can be adjusted.
5. Turn the Right Control Knob to increase/decrease the level (from -7 to 7) and push to accept.

Note: It is recommended that you adjust the bass and treble while listening to an audio source.

Charging your iPod:

Luna will charge dock connector iPod models (4G models and later). Make sure that your iPod is properly docked in the system. Once properly docked, Luna will charge your iPod.

Setting the Sleep Mode Preferences

Setting the Sleep Timer:

1. Select the desired audio source (see “Listening to Audio” on pages 16-17).
2. Push the Right Control Knob to access the main menu. The menu will appear on Luna’s display.
3. Turn the Right Control Knob until the “Sleep” item is highlighted and push to select.
4. Push the Right Control Knob again to turn sleep timer on.
5. Turn the Right Control Knob until the “Duration” menu item is highlighted and push to select. The sleep time will blink to indicate that it can be adjusted. Turn the Right Control Knob to increase/decrease the sleep time (from 1 to 90 minutes) and push to accept.

Setting Sleep Options

- While in the sleep menu, turn the Right Control Knob until the “Decrease Volume” menu item is highlighted and push to select “On” or “Off”. Activating this feature will decrease the volume gradually over the sleep time.
- While in the sleep menu, turn the Right Control Knob until the “Dimmer” menu item is highlighted and push to select. The dimmer level will blink to indicate it can be adjusted. Turn the Right Control Knob to increase/decrease the dimmer level (from 0 to 20) and push to accept.

SHORTCUT

You may also enter the sleep mode by holding the Right Control Knob while audio is playing. The sleep time will appear in the top line of the display. Turn the Right Control Knob at any time to increase/decrease the sleep time.

Restoring Default Settings

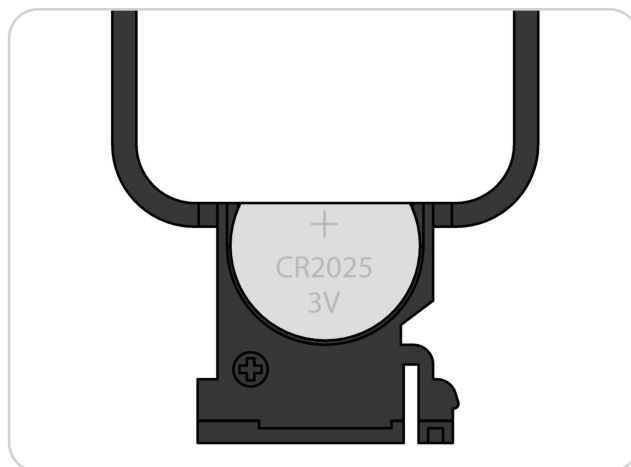
Using this operation will reset all of your programmed settings back to factory default settings (except contrast).

1. Push the Right Control Knob to access the main menu. The menu will appear on Luna’s display.
2. Turn the Right Control Knob until the “Settings” menu item is highlighted and push to select.
3. Turn the Right Control Knob until the “Reset Settings” menu item is highlighted and push to select.
4. Push the Right Control Knob again to confirm reset.

Replacing the Remote Battery

The remote control battery is already installed at the factory. Before using, make sure to pull out the “Remove” tab that is protecting the battery. When the remote control stops operating or its range seems reduced, it is time to replace the battery.

To Replace the Battery:



1. The battery door is located on the bottom of the remote control. To open, hold the remote with the back facing up and squeeze the latch while pulling out the battery door.
2. Take out current battery and replace with a “CR2025” 3-volt Lithium Cell battery. The battery door has a “+” symbol to indicate correct placement. Place the battery with the “+” side of the battery on the same side as this symbol.
3. Replace the battery door with the “+” of the battery facing up.

Note: Please dispose of batteries properly.

Troubleshooting

No power

Possible Problem	Solution
AC Adapter is not connected to a wall outlet and/or the power supply connector is not plugged into supply jack on the back of Luna	Connect the AC adapter into the jack in the back of Luna labeled "Power" and then plug the AD adapter into the wall outlet
Wall outlet is not functioning	Plug another device into the same outlet to confirm the outlet is working
iPod was docked BEFORE plugging the AC adapter into the unit and the wall	Make sure to plug the AC adapter into Luna and then the wall outlet before docking your iPod

No sound from speakers

Possible Problem	Solution
Audio source is not selected	Push the left control knob on the unit to select the audio source
Volume is set too low	Turn the left control knob to increase the volume
iPod is not docked correctly	Remove your iPod from the dock well and re-dock to make sure it is properly connected

Sound is distorted

Possible Problem	Solution
Volume level on Luna is set too high	Use the left control knob or remote to lower the volume
Sound source is distorted	If the original source (MP3) is of poor quality, distortion and noise are easily noticed with high-powered speakers
Bass and Treble are set too high	Reset the bass and treble settings with the reset button on the remote

Remote Control doesn't work

Possible Problem	Solution
Low Battery	Replace battery
Remote Control is not pointed toward Luna's IR window	Point the remote toward the IR window, within 15 feet of the unit

Unit gets warm after extended play at high volume

Possible Problem	Solution
As with other devices, this is normal when the unit is played at loud volumes for an extended period of time	Lower the volume or turn the unit off for a short period of time

Battery icon flashes on screen

Possible Problem	Solution
Back up batteries are weak or not installed	Replace or install new AA batteries

Display appears blurry or faded

Possible Problem	Solution
Contrast and /or dimmer settings are set too high or low* <i>*Room temperatures can change the contrast of the Display</i>	Adjust the contrast and/or dimmer settings in the menu system (see "Setting the Display" sections)

No AM radio reception or too much static

Possible Problem	Solution
AM antenna may not be properly connected	Plug the AM antenna into the two jacks on the back of Luna
AM loop antenna is not properly positioned	Move AM Antenna away from Luna and rotate for best reception

No FM radio reception or too much static

Possible Problem	Solution
FM antenna may not be properly connected	Plug the FM antenna into the FM jack on the back of Luna
FM antenna is not properly positioned	Place the FM antenna vertically above Luna and vary positions while the unit is on and in FM mode

iPod did not charge

Possible Problem	Solution
iPod is not docked properly	Remove your iPod from the universal dock well and re-dock to make sure it is properly connected
iPod is frozen or the iPod battery has a problem	Make sure your iPod is working properly before docking into Luna. Refer to your iPod manual for details and make sure you are using the latest software on your iPod or for instructions on resetting your iPod*

*Visit <http://www.apple.com/support/> to download the latest software for your iPod.

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